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• *DUGWAY PROVING GROUND*

Restoration Advisory Board/ Technical Review Committee

- Project Update
 - RCRA Facility Investigation (RFI)
 - Consent Order Sites

May 2001



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Technical Review Committee - Consent Order Sites

- **Current Field Work**
 - HWMU 33
 - HWMU 36
 - HWMU 42
 - HWMU 48
 - HWMU 63-2
 - Sump Contents Characterization and Removal (HWMUs 51, 58, 63-1, 128)
 - HWMUs 128/130
 - HWMU 36, 37, 38 groundwater investigation
 - Groundwater monitoring program



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- **HWMU 33 - Baker Sewage Lagoon**
 - Construction Completion date: 15 Feb 01
 - Remaining Field Activities
 - none
 - Closure Report



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HWMU 33 Site Photo - Baker Sewage Lagoon (before)



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- **HWMU 36 - Ditto Imhoff Tank**
 - Construction Completion date: 15 Feb 01
 - Remaining Field Activities
 - none
 - Closure Report



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HWMU 36 Site Photo - Tank and Sludge Drying Bed (before)



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HWMU 36 Site Photo - Backfilled Imhoff tank



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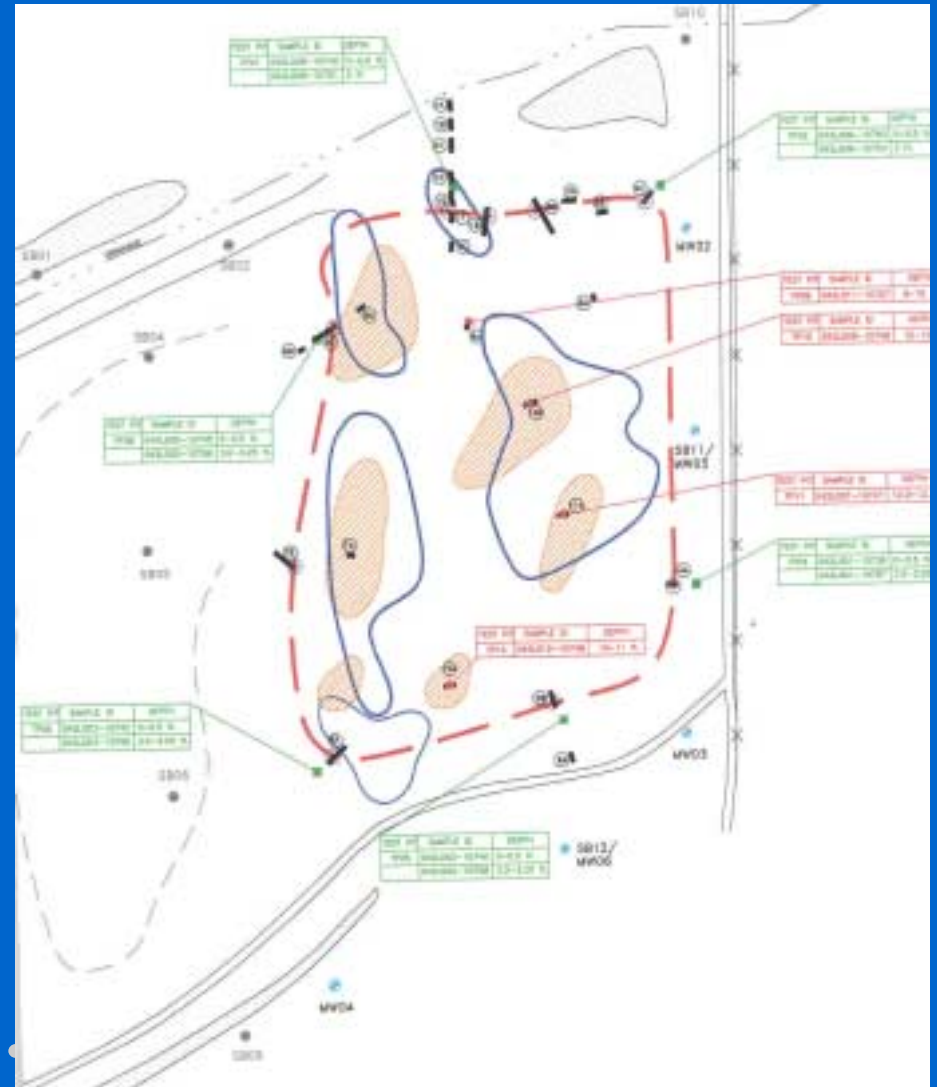
- **HWMU 42 - Contractor's Landfill in English Village**
 - **Start:** 11 Sep 00
 - **Completed Activities**
 - *landfill boundary and depth identified*
 - *12 trenches completed and backfilled*
 - *16 samples collected*
 - *submit FWV for soil gas survey based on trenching work*
 - *collect soil gas samples*



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HWMU 42 - Test Pits



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- **HWMU 42 - Contractor's Landfill in English Village**
 - Investigation Completion: 27 April 01
 - Remaining Field Activities
 - none
 - Field Activity Report



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- **HWMU 48 - Fries Park 3X Metal Storage Area**
 - **Start:** 28 Jan 01
 - **Completed Activities**
 - *Lead & Asbestos survey of buildings (6040 & 6042)*
 - *Move/reinstall power poles/communication lines*
 - *Survey/characterize soil outside proposed fence (<1 ppm PCBs)*
 - *Excavate soil > 1 ppm (2000 yd³), transport to inside fence*
 - *Demo buildings 6040 & 6042*
 - *Excavate soils > 50 ppm PCB (inside fence, 2000 yd³)*
 - *T&D building/soil waste*

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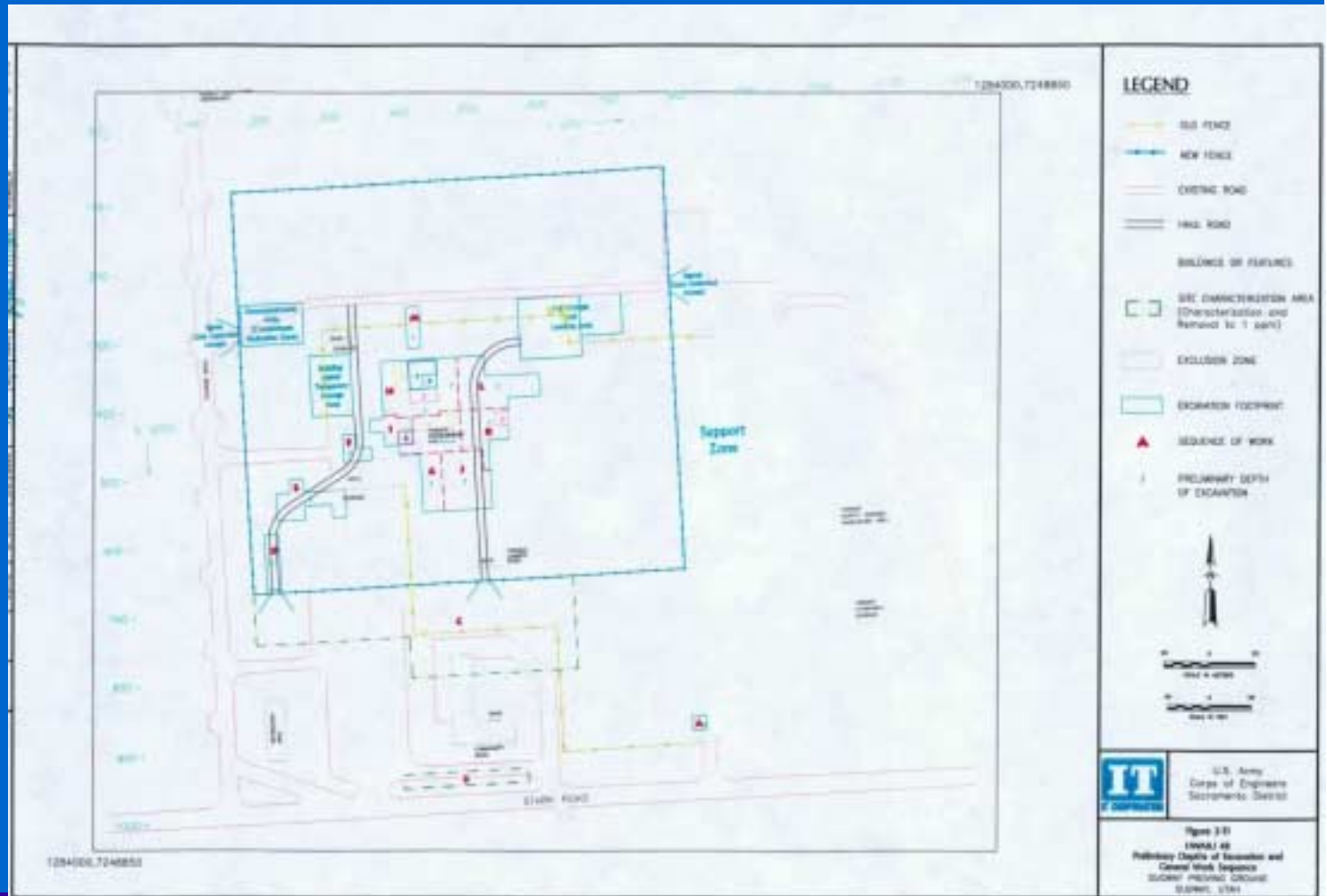
Figure 80.1-1 SWMU 48 Location Map (Pries Park)

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HWMU 48 - Site Map (new)



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HWMU 48 - Checking building paint (Bldg. 6040)



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HWMU 48 - Cracks in Building 6042



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HWMU 48 - Overview of western portion of site



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HWMU 48 - Site overview looking east



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HWMU 48 - Demolition of Building 6040



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HWMU 48 - Building 6042



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HWMU 48 - Structural Steel from Building 6042



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HWMU 48 - Slab tearout Building 6042



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HWMU 48 - Excavation inside fence



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HWMU 48 - Stockpile area



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HWMU 48 - Soil sampling



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HWMU 48 - Deep excavation with stockpiles in background



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- **HWMU 48 - Fries Park 3X Metal Storage Area**
 - **Estimated Completion: 18 May 01**
 - **Remaining Field Activities**
 - **Backfill excavation**
 - **Fence site**

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- **HWMU 63-2 - Carr Facility Septic Tank and Leachfield**
 - **Start:** 8 Aug 00
 - **Completed Activities**
 - *video inspection and sampling of inlet pipe complete*
 - *septic tank characterized*
 - *drainfield sampled*
 - **Remaining Field Activities**
 - empty and clean septic tank
 - close in-place
 - **Estimated Completion:** 25 May 01



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- **Sumps (HWMUs 51, 58, 63-1, 128)**
 - **Start:** 8 Aug 00
 - **Completed Activities**
 - *waste characterized at HWMU 51, 58, and 128*
 - *waste characterized at HWMU 63-1*
 - *clean sumps and T&D waste from each*
 - **Completion date:** 7 Mar 01
 - **Remaining Field Activities**
 - None
 - **Field Activity Report**



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– Cleaning out sump at HWMU 58



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- **HWMU 128** - Pesticide Storage Building, Septic tank and drainfield
 - **Start:** 4 May 01
 - **Completed Activities**
 - *2 of 8 soil borings*
 - **Remaining Field Activities**
 - 6 of 8 soil borings
 - **Estimated Completion:** 25 May 01

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- **HWMU 130 - English Village**
 - **Start:** 4 May 01
 - **Completed Activities**
 - *5 soil borings*
 - **Remaining Field Activities**
 - none
 - **Completion:** 4 May 01
 - **Field Activity Report**

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- **Groundwater investigation HWMUs 36, 37 & 38**
 - **Start:** 4 May 01
 - **Completed Activities**
 - 24 CPTs/24 HPs at HWMU 38
 - 22 CPTs at HWMU 37
 - 17 CPTs/16 HPs at HWMU 36
 - **Remaining Field Activities**
 - 1 CPTs/1 HP at HWMU 38
 - 13 CPTs/35 HPs at HWMU 37
 - 9 CPTs/10 HPs at HWMU 36
 - **Completion:** 31 May 01
 - **Field Activity Report**

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- **Groundwater investigation HWMUs 36, 37 & 38**
 - **Estimated Completion: 31 May 01**
 - **Future work**
 - **Closure Report for HWMU 36**
 - **“no cover” variance for HWMU 37**
 - **Closure Report for HWMU 38**

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- **Hydropunch rig at HWMU 38**



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- **Groundwater Monitoring**
 - **March 5-16 sampling event**
 - HWMUs 2, 38, 51, 55, 58, 36 and 37 (5 sites, approx. 31 wells)
 - Submitted HWMU 38 Technical Memo to USACE
 - **Reporting**
 - Field Activity Report due end of May
 - **Future Work**
 - Next sampling event in late July



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- **Future Field Work**

- Soil and landfill investigation at HWMU 37
- Soil and groundwater investigation HWMU 55
- Soil investigation HMWUs 51, 58, 158/162, 163, 168

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- **Soil and Landfill Gas Investigation - HWMU 37**
 - **Objectives**
 - support “no cover” option
 - soil samples to support risk assessment for “no cover”
 - soil samples to determine nature and extent of contamination in burn area
 - landfill gas investigation



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- **Soil and Groundwater Investigation - HWMU 55**
 - **Objectives**
 - **Determine nature and extent of soil contamination below burial trenches**
 - **Determine nature and extent of groundwater contamination**



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- **Soil Investigation - HWMUs 51, 58, 158/162, 163, 168**
 - **Objectives**
 - **Determine nature and extent of soil contamination**
 - **Fill data gaps to support closure activities**
 - **Provide recommendations for closure for each site**

